

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A work cell for packaging materials within a container comprising:

an inbound portion having:

a first angled cradle positioned at an acute angle relative to a horizontal plane of said inbound portion; and

a second angled cradle positioned at an acute angle relative to a horizontal plane of said inbound portion; each ~~for supporting the container at an angle~~,

~~said first angled cradle is adjacent integral with said second angled cradle; and~~

an outbound portion;

wherein said inbound portion and said outbound portion are positioned in at least a nearly abutting relationship, said inbound portion and said outbound portion being positioned in a non-linear relationship at an angle relative to each other to provide the work cell with an ergonomic, space-saving configuration;

wherein said first cradle and said second cradle are orientated to support the container such that the container is rotated toward an operating position of the work cell.

2. (Currently Amended) The work cell of Claim 1, wherein said inbound portion is positioned at an angle [[is]] of approximately 135° relative to said outbound portion.

3. (Currently Amended) The work cell of Claim 1, wherein said first angled cradle is above said second angled cradle.

4. (Previously Presented) The work cell of Claim 1, wherein said first and second cradles position a top portion of the container towards a front side of said work cell.

5. (Original) The work cell of Claim 1, wherein said outbound portion includes an elongated table having an outbound cradle.

6. (Original) The work cell of Claim 5, wherein said outbound cradle may be positioned in a forward position and a rear position.

7. (Previously Presented) The work cell of Claim 1, further comprising a fastening device having:

a first head for applying at least one fastener to the container; and
style="padding-left: 40px;">a second head for applying at least one fastener to the container;
wherein the orientation between said first head and said second head may be altered according to the size and type of the container used.

8. (Previously Presented) The work cell of Claim 7, wherein the container is transferred to and from said fastening device by a transfer device.

9. (Previously Presented) The work cell of Claim 7, wherein said fastening device includes at least one alignment device for properly positioning the container in relation to said fastening device.

10. (Original) The work cell of Claim 1, further comprising a mounting device for supporting materials for use in the operation of the work cell.

11. (Previously Presented) The work cell of Claim 1, further comprising a label holder for supporting labels to be placed upon the container.

12. (Original) The work cell of Claim 1, further comprising a compartment for storing materials used in the operation of said work cell.

13. (Previously Presented) The work cell of Claim 7, wherein said first head and said second head apply said fastener to said container simultaneously.

14. (Previously Presented) The fastening device of Claim 7, wherein said first head is positioned approximate to a first alignment device and said second head is positioned approximate to a second alignment device.

15. (Currently Amended) A work cell for packaging materials within a container comprising:

an inbound portion for loading items within the container; and

an outbound portion having a processing region and an outbound region facilitating the application of identification labels to the container;

said outbound portion including an outbound cradle positioned at an acute angle relative to a horizontal plane of said outbound portion for supporting the container at an angle, said outbound cradle having a first angled portion and a second angled portion, said outbound cradle movable between a forward position and a rear position;

wherein said outbound cradle is orientated to support the container such that the container is rotated toward an operating position of the work cell; and

wherein said inbound portion and said outbound portion are positioned in at least a nearly abutting relationship, said inbound portion and said outbound portion being positioned between about 90° and about 180° at an angle relative to each other of less than 180°.

16. (Currently Amended) The work cell of Claim 15, wherein said inbound portion and said outbound portion are positioned between about 90° and about 135° relative at less than a 135° angle to each other.

17. (Previously Presented) The work cell of Claim 15, wherein said inbound portion further comprises a front cradle for positioning a top portion of the container towards a front side of said work cell.

18. (Original) The work cell of Claim 15, wherein said inbound portion further comprises a rear cradle for supporting items of use in the operation of said work cell.

19. (Previously Presented) The work cell of Claim 15, wherein said outbound portion includes an elongated table.

20. (Cancelled)

21. (Original) The work cell of Claim 15, wherein said packaging containers are transferred to and from said processing region by a transfer device.

22. (Previously Presented) The work cell of Claim 15, wherein said processing region comprises a fastening table having:

a first head for applying a fastener to the container;

a second head for applying a fastener to the container;

a lower guide rail assembly; and

an upper guide rail assembly;

wherein the orientation between said first head and said second head may be altered according to the size and type of the container used, said first head and said second head applying said fasteners to the container simultaneously; and

wherein said lower guide rail assembly and said upper guide rail assembly aid in alignment of the container between said first head and said second head and may be positioned according to the size and type of the container to be sealed.

23. (Original) The work cell of Claim 15, further comprising a mounting device for supporting materials for use in the operation of said work cell.

24. (Previously Presented) The work cell of Claim 15, further comprising a label holder for supporting labels to be placed upon one or more of the containers.

25. (Original) The work cell of Claim 15, further comprising a compartment for materials used in the operation of said work cell.

26. (Original) The work cell of Claim 22, wherein said first head and said second head are aligned substantially vertically.

27. (Original) The work cell of Claim 22, further comprising a first fastening device associated with said first head and a second fastening device associated with said second head, said first fastening device being positioned in an orientation opposite to an orientation of said second fastening device.

28. (Currently Amended) The work cell of Claim 22 [[21]], wherein said first head is proximate to said lower guide rail assembly and said second head is proximate

to said upper guide rail assembly, said work cell operable to process said packaging container having an infinite length.

29. - 31. (Cancelled)

32. (Currently Amended) A work cell for packaging materials within a container comprising:

an inbound portion having: ~~an inbound cradle for supporting the container at an angle;~~

a first inbound cradle including a first inbound surface and a second inbound surface abutting said first inbound surface and orientated at approximately a 90° angle to said first inbound surface; and

a second inbound cradle including a third inbound surface and a fourth inbound surface abutting said third inbound surface and orientated at approximately a 90° angle to said third inbound surface;

an outbound portion having an outbound cradle including a first outbound surface and a second outbound surface abutting said first outbound surface and orientated at approximately a 90° angle to said first outbound surface for supporting the container at an angle;

a fastening device having a first fastening head and a second fastening head, the orientation between the first fastening head and the second fastening head operable to be altered according the size and shape of the container;

wherein said first inbound cradle, said second inbound cradle, and said outbound cradle are each orientated to support the container such that the container is rotated toward an operating position of the work cell; and

wherein said inbound portion and said outbound portion are positioned in at least a nearly abutting relationship, said inbound portion and said outbound portion being positioned between about 90° and about 180° at an angle relative to each other of less than 180°.

33. (Currently Amended) The work cell of Claim 32, wherein said first inbound cradle is adjacent to said second inbound cradle has a first angled portion and a second angled portion adjacent said first angled portion.

34. (Previously Presented) The work cell of Claim 32, wherein said outbound cradle is movable between a forward position and a rear position.